



7/08/04

IFW

Practitioner's Docket No.: 789_123

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Yukihisa TAKEUCHI, Tsutomu NAKATAKI, Iwao OHWADA and Takayoshi AKAO

Ser. No.: 10/808,258

Art Unit: 2879

Filed: March 24, 2004

Examiner: Not assigned

Confirmation No.: 4169

For: DISPLAY APPARATUS, METHOD OF DRIVING DISPLAY APPARATUS, ELECTRON EMITTER, METHOD OF DRIVING ELECTRON EMITTER, APPARATUS FOR DRIVING ELECTRON EMITTER, ELECTRON EMISSION APPARATUS, AND METHOD OF DRIVING ELECTRON EMISSION APPARATUS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 7, 2004 under "EXPRESS MAIL" mailing label number EV 45630 8399 US.

Jane M. Stevens
Jane M. Stevens

INFORMATION DISCLOSURE STATEMENT
AND IDENTIFICATION OF COPENDING APPLICATIONS

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Required copies of the references listed on Form PTO-1449 are attached.

Applicant respectfully submits that Reference BG corresponds to Reference AA, Reference BH corresponds to Reference BI, Reference BJ corresponds to Reference AB and Reference BN corresponds to Reference AF. References AV-AZ and BS-BU are discussed on pages 1 and 2 of the present specification.

Reference BR (EP 0 353 632) was cited in a European Search Report (copy enclosed) bearing a mailing date of March 18, 2004 from a related European patent application.

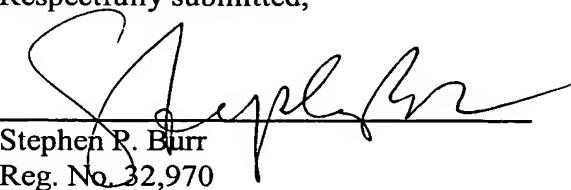
References AF-AI, BN-BQ and BW-BY were cited in a European Search Report (copy enclosed) bearing a mailing date of March 18, 2004 from a related European patent application, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The attention of the Patent Office is also drawn to the related copending applications listed on the attached Form PTO-1449 which may contain technical subject matter related to that of the present invention. Required copies of the applications are attached. This identification is not to be construed as a waiver of secrecy as to the cited applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited applications and the art cited therein during examination of the present application.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,


Stephen R. Burr
Reg. No. 32,970

SPB:jms

BURR & BROWN
P.O. Box 7068
Syracuse, NY 13261-7068

Customer No.: 025191
Telephone: (315) 233-8300
Facsimile: (315) 233-8320

JUL 07 2004

<i>Complete if Known</i>	
Application Number	10/808,258
Filing Date	March 24, 2004
First Named Inventor	Yukihisa TAKEUCHI
Art Unit	Not assigned
Examiner Name	Not assigned
Confirmation No.	4169
Sheet	1 of 3
Attorney Docket No. 789_123	

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
	AA	5,874,802	02-23-1999	Choi et al.				
	AB	2002/0153827	10-24-2002	Takeuchi et al.				
	AC	5,508,590	04/16/1996	Sampayan et al.				
	AD	5,453,661	09/26/1995	Auciello et al.				
	AE	6,157,145	12/5/2000	Vollkommer et al.				
	AF	5,280,221	01/18/1994	Okamoto et al.				
	AG	5,747,926	05/05/1998	Nakamoto et al.				
	AH	6,198,225	03/06/2001	Kano et al.				
	AI	6,479,924	11/12/2002	Yoo				

U.S. RELATED CO-PENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class
	AJ	10/459,415	06/11/2003	Takeuchi et al.	789_108 CIP		
	AK	10/647,794	08/25/2003	Takeuchi et al.	789_115		
	AL	10/730,754	12/08/2003	Takeuchi et al.	789_118 CIP		
	AM	10/719,521	11/21/2003	Takeuchi et al.	789_120		
	AN	US 2004-0100200 A1	05/27/2004	Takeuchi et al.	789_105		
	AO	US 2004-0104684 A1	06/03/2004	Takeuchi et al.	789_109 CIP		
	AP	US 2004-0104690 A1	06/03/2004	Takeuchi et al.	789_110 CIP		
	AQ	US 2004-0104689 A1	06/03/2004	Takeuchi et al.	789_111 CIP		
	AR	US 2004-0066133 A1	04/08/2004	Takeuchi et al.	789_116		
	AS	US 2004-0061431 A1	04/01/2004	Takeuchi et al.	789_117		
	AT	US 2004-0090398 A1	05/13/2004	Takeuchi et al.	789_119		
	AU	US 2004-0113561 A1	06/17/2004	Takeuchi et al.	789_121		

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 3 Attorney Docket No. 789_123

Complete if Known

Application Number	10/808,258
Filing Date	March 24, 2004
First Named Inventor	Yukihisa TAKEUCHI
Art Unit	Not assigned
Examiner Name	Not assigned
Confirmation No.	Unknown

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AV	1-311533 A	12-15-1989	JP				✓
	AW	7-147131 A	06-06-1995	JP			JPO Machine Translation	✓
	AX	2000-285801 A	10-13-2000	JP			JPO Machine Translation	✓
	AY	46-20944	06-12-1971	JP			✓	
	AZ	44-26125	11-04-1969	JP			✓	
	BA	11-185600	07-09-1999	JP			JPO Machine Translation	✓
	BB	10-27539 A	01-27-1998	JP			JPO Machine Translation	✓
	BC	11-288249 A	10-19-1999	JP			JPO Machine Translation	✓
	BD	63-150837 A	06-23-1988	JP				✓
	BE	09-090882 A	04-04-1997	JP			JPO Machine Translation	✓
	BF	59-208587	11-26-1984	JP			Partial	
	BG	3160213 B2	02-16-2001	JP			JPO Machine Translation	✓
	BH	0 953 958 A2	11-03-1999	EP				
	BI	2000-310970 A	11-07-2000	JP			JPO Machine Translation	✓
	BJ	02/052600 A1	07-04-2002	WO				
	BK	3833604	04/05/1990	DE			✓	
	BL	2639151	05/18/1990	FR			✓	
	BM	428853	05/29/1991	EP			✓	
	BN	2675306	10/16/1992	FR				✓
	BO	2789221	08/04/2000	FR				✓
	BP	2789223	08/04/2000	FR				✓
	BQ	10057072	05/23/2001	DE				✓
	BR	0 353 632	02/07/1990	EP				

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

				<i>Complete if Known</i>
Application Number				10/808,258
Filing Date				March 24, 2004
First Named Inventor				Yukihisa TAKEUCHI
Art Unit				Not assigned
Examiner Name				Not assigned
Confirmation No.				Unknown
Sheet	3	of	3	Attorney Docket No.
				789_123

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages etc.)

BS	"Pulsed Electron Source Using a Ferroelectric Cathode," Tokyo Institute of Technology, Vol. 68, No. 5, 7 January 1999, pp. 546-550.
BT	Puchkarev, Victor F. and Mesyats, Gennady A., "On the Mechanism of Emission from the Ferroelectric Ceramic Cathode," Journal of Applied Physics, Vol. 78, No. 9, 1 November 1995, pp. 5633-5637.
BU	Riege, H., "Electron Emission from Ferroelectrics - a Review," Nucl. Instr. and Meth. A340, 1994, pp. 80-89.
BV	Masatoshi Miyake et al., "Electron Emission from Ferroelectric Cathodes Excited by Pulsed Voltage," Tokyo Institute of Technology, Vol. 119, No. 5, 1999 pp. 622-627.
BW	G. Benedek et al., "Electron Emission From Ferroelectric/Antiferroelectric Cathodes Excited by Short High-Voltage Pulses", Journal Applied Physics, Vol. 81, No. 3, 1 February 1997, pages 1396-1403
BX	Gundel, H. et al., "Low Pressure Hollow Cathode Switch Triggered by a Pulsed Electron Beam Emitted From Ferroelectrics", Applied Physics Letter, American Institute of Physics, New York, US Vol. 54, No. 21, 22 May 1989, pages 2071-2073
BY	Gundel, H. et al., "Time-Dependent Electron Emission From Ferroelectrics by External Pulsed Electric Fields", Journal of Applied Physics, American Institute of Physics, New York, US Vol. 69, No. 2, 15 January 1991, pages 975-982

Examiner:

Date Considered:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

***In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the above patented or published U.S. references.**